M 5.7, Veracruz, Mexico

PAGER
Version 4

Origin Time: 2022-03-03 14:40:32 UTC (Thu 08:40:32 local)
Location: 18.1759° N 95.4592° W Depth: 109.4 km
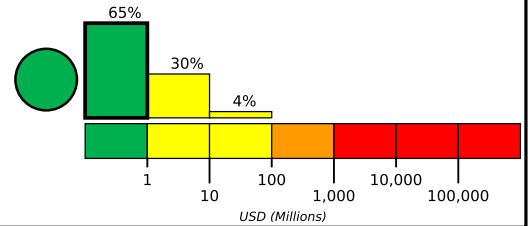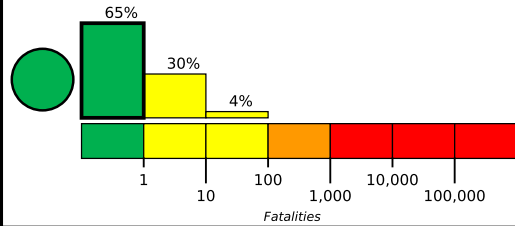**FOR TSUNAMI INFORMATION, SEE: tsunami.gov**

Created: 1 day, 0 hours after earthquake

Estimated Fatalities

65% | 30% | 4%
1 | 10 | 100 | 1,000 | 10,000 | 100,000
Fatalities

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.
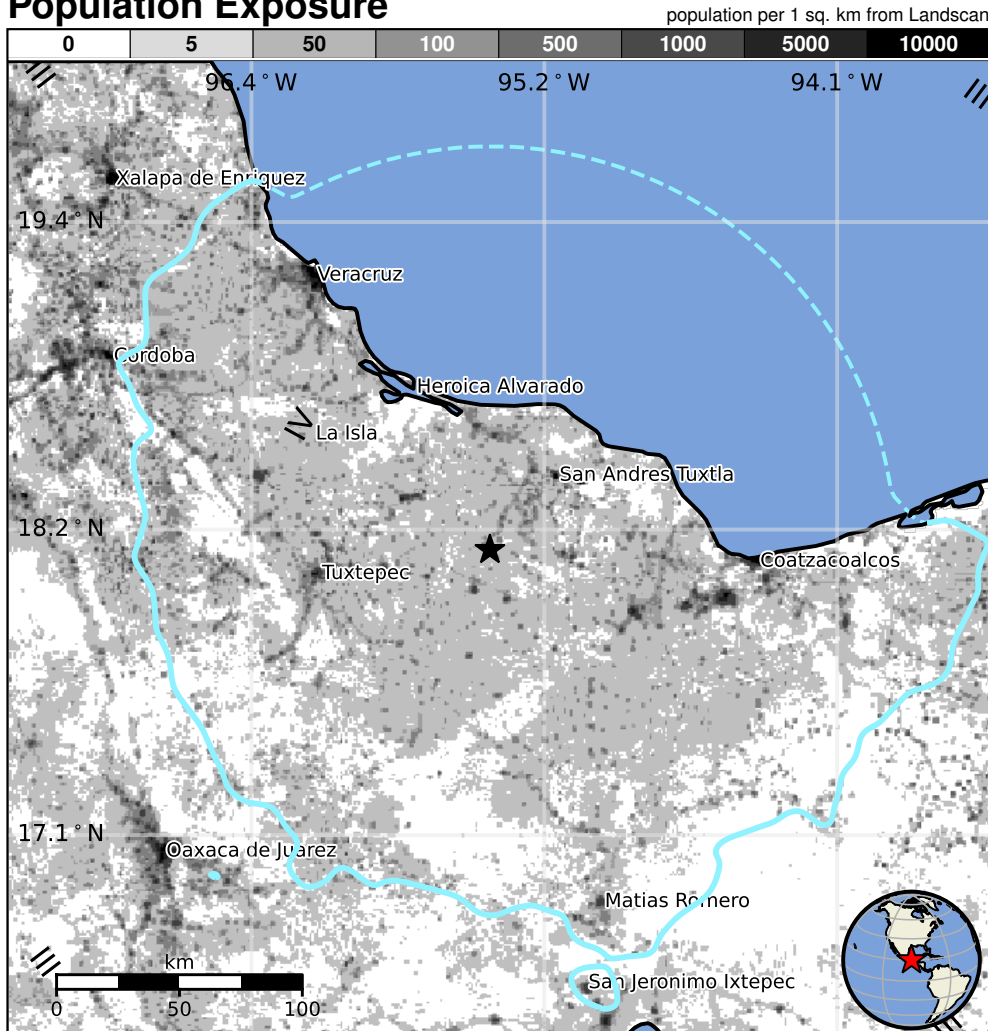
Estimated Economic Losses

65% | 30% | 4%
1 | 10 | 100 | 1,000 | 10,000 | 100,000
USD (Millions)

Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		–*	4,116k*	6,058k	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure

population per 1 sq. km from Landscan

0 | 5 | 50 | 100 | 500 | 1000 | 5000 | 10000

Structures
Overall, the population in this region resides in structures that are a mix of vulnerable and earthquake resistant construction. The predominant vulnerable building types are mud wall and adobe block with concrete bond beam construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1995-09-14	365	7.3	V(459k)	3
1975-11-05	313	5.0	VI(21k)	1
1973-08-28	121	7.2	VII(847k)	600

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

Selected City Exposure
from GeoNames.org

MMI	City	Population
IV	Tesechoacan	7k
IV	Corral Nuevo	5k
IV	Cosamaloapan de Carpio	29k
IV	Angel R. Cabadas	11k
IV	Tlacojalpan	4k
IV	Francisco I. Madero	2k
IV	Minatitlan	151k
IV	**Coatzacoalcos**	**231k**
IV	**Veracruz**	**568k**
IV	Oaxaca	263k
III	**Xalapa de Enriquez**	**425k**

bold cities appear on map.   (k = x1000)

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.
https://earthquake.usgs.gov/earthquakes/eventpage/us6000h1qa#pager

Event ID: us6000h1qa